

Respectfully submitted,

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APPENDIX A
Mark-up of Claims Amended

9. (Amended) A method as claimed in claim 1 [any one of claims 1, 2 or 6], wherein the protease enzyme is plasmin and/or plasminogen.

10. (Amended) A method as claimed in claim 1 [any one of claims 1, 2, 6 or 8], wherein the removal or partition of the desired protein is by precipitation.

11. (Amended) A method as claimed in claim 1 [any one of claims 1, 2, 6 or 8], wherein the transfer of the protease enzyme into the whey phase of the milk is by the presence of lysine or a lysine analogue.

12. (Amended) A method, as claimed in claim 1 [any one of claims 1-4, 6, 8 or 9, 10, 11 (when dependent on 1-4, 6 or 8)], wherein the milk is whole milk, skimmed milk, or milk fraction.

13. (Amended) A method, as claimed in claim 1 [any one of claims 1-4, 6, 8 or 9, 10, 11, 12 (when dependent on 1-4, 6 or 8)], wherein the milk is derived from a sheep, cow, goat, rabbit, camel, water buffalo, pig or horse.

15. (Amended) A method as claimed in claim 1 [any one of claims 1 to 4, or 9-14 (when dependent on 1-4)], wherein the part purified protein is further purified by repeating the first step of each purification method.

16. (Amended) Transgenic fibrinogen, obtainable from milk, at least partly purified, having improved stability [(in particular in respect of proteolysis)] and/or increased integrity of the fibrinogen alpha chain.

17. (Amended) Transgenic fibrinogen obtainable by a method as claimed in [any one of claims] claim 1 [to 16].

20. (Amended) A fibrin adhesive or sealant containing fibrinogen as claimed in claim 16 or 17 [any one of claims 16 to 19].

22. (Amended) A kit for a fibrin adhesive or sealant, comprising fibrinogen as claimed in [any one of claims 16 to 21] claim 16 or 17 together with Factor XIII and/or Factor XIIIa as one component and thrombin and Ca^{++} as a second component.

23. (Amended) A method for producing a fibrin adhesive or sealant as claimed in claim 20 [or claim 21], comprising admixing fibrinogen with thrombin.

26. (Amended) A method of surgery or therapy comprising placing a fibrin adhesive or sealant, as claimed in claim 20 or 21 [any one of claims 19 or 20], on or within an animal or a body part of an animal.